



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 21, 2011

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department
Creeks Division, Parks and Recreation Department

SUBJECT: Contract For Construction For The Mission Creek Fish Passage Project, Phase One

RECOMMENDATION: That Council:

- A. Award a contract with V. Lopez Jr. and Sons (V. Lopez) in their low bid amount of \$1,066,246.95 for construction of the Mission Creek Fish Passage Project, Phase One (Project), Bid No. 3619;
- B. Authorize the Public Works Director to execute the contract and approve expenditures up to \$159,937 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment; and
- C. Authorize the Public Works Director to execute a contract with HDR Engineering Inc., (HDR), in the amount of \$41,440 for construction support services, and approve expenditures of up to \$4,144 for extra services of HDR that may result from necessary changes in the scope of work.

DISCUSSION:

PROJECT DESCRIPTION

Steelhead Trout migration on Mission Creek is severely limited by two concrete-lined flood control channels. The upstream channel is approximately 0.3 miles long, extending between Los Olivos and Pedregosa Streets, and the downstream channel is approximately 0.8 miles long, extending between Arrellaga and Canon Perdido Streets. The upstream and downstream channels are separated by a 0.4 mile long natural section extending between Pedregosa and Arrellaga Streets.

The upper and lower flood control channels were constructed by Caltrans in 1934 and 1961 respectively, to improve flood control along Highway 101. The channels prevent fish from migrating upstream because flow rates and flow depths within the concrete

channels are too fast and/or too shallow for fish to swim upstream, and there are no resting areas.

The Project includes modifying the upper concrete channel in order to provide suitable conditions for migration of Steelhead Trout. Phase Two will modify the lower concrete channel and is scheduled for construction during the summer of 2013, pending grant funding. The Project construction consists of establishing a maintenance access, demolishing part of the lined flood channel, and constructing a concrete low flow fish passage channel.

Completion of both this Project and Phase Two of the Mission Creek Fish Passage Project, coupled with the recent restoration and fish passage project at Tallant Road, will allow Steelhead Trout to access three miles of spawning habitat that has been blocked for over fifty years.

CONTRACT BIDS

A total of five bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	V. Lopez Jr. and Sons Santa Maria, CA	\$1,066,246.95*
2.	Union Engineering Company Ventura, CA	\$1,327,689.00
3.	Shaw Contracting, Inc. Carpinteria, CA	\$1,463,329.00
4.	Lash Construction, Inc. Santa Barbara, CA	\$1,970,130.00
5.	Specialty Construction San Luis Obispo, CA	\$2,012,880.00

**corrected bid total*

The low bid of \$1,066,246.95, submitted by V. Lopez, is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$159,937, or 15%, is typical for this type of work and size of project.

CONSTRUCTION PHASE CONTRACT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with HDR in the amount of \$45,584 (including \$4,144 in change order authority) for design support during construction. HDR was the design consultant on the project and is experienced in this type of work.

COMMUNITY OUTREACH

Public Works staff will coordinate with the contractor to perform the standard public notification for the construction project. Creeks staff will also send out letters to the neighborhood surrounding the Project site prior to construction. The letters will provide information about construction, including Project purpose, timing, and other relevant information.

FUNDING

The Creeks Division received three grants for project design: two from the California Department of Fish and Game (DFG), and one private grant from the Annenberg Foundation through the Environmental Defense Center. On March 1, 2011, Council accepted grant funding from DFG in the amount of \$1,000,290 for construction of this Project. The remaining Project costs (approximately \$393,567 if all contingency funds are exhausted) will be funded by the Creeks Division Capital Fund.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Construction Contract	\$1,066,246.95	\$159,937.00	\$1,226,183.95
Consultant Contract	\$41,440.00	\$4,144.00	\$45,584.00
TOTAL RECOMMENDED AUTHORIZATION			\$1,271,767.95

The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

**Cents have been rounded to the nearest dollar in this table.*

Design (by Contract)	\$511,600
City Engineering Staff Costs	\$24,484
Subtotal	\$536,084
Construction Contract	\$1,066,247
Construction Change Order Allowance	\$159,937
Construction Support (by Contract)	\$45,584
Subtotal	\$1,271,768
Construction Management/Inspection (by City Engineering Staff)	\$122,090
TOTAL PROJECT COST	\$1,929,942

SUSTAINABILITY IMPACT:

Steelhead Trout are an important indicator of the overall health of Mission Creek, including water quality. The purpose of the Project is to improve conditions for endangered Steelhead Trout to migrate upstream and spawn in Mission Creek. These efforts will also contribute to local, regional, and federal objectives of removing migration barriers for the federally endangered Steelhead Trout.

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SUBMITTED BY: Christine F. Andersen, Public Works Director
 Nancy Rapp, Parks and Recreation Director

APPROVED BY: City Administrator's Office